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**From:** Messenger, Courtney [courtney.messenger@chemours.com]  
**Sent:** 2/24/2020 7:09:25 PM  
**To:** Danny.Smith@ncdenr.gov  
**CC:** Garon, Kevin P [Kevin.Garon@chemours.com]; Leung, Lam-Wing H [LAM.H.LEUNG-1@chemours.com]; Allen.Martin@ncdenr.gov; Sivertsen, Scott [Sivertsen.Scott@epa.gov]; Strynar, Mark [Strynar.Mark@epa.gov]; jls@gel.com; Risen, Amy J [amy.risen@ncdenr.gov]  
**Subject:** Consent Order Paragraph 11.a - lab standards

Hi Danny,

We have shipped the remaining "Table 3+ standards" in methanol (pH adjusted to ~8) to DEQ (Allen Martin), EPA (Mark Strynar & Scott Sivertsen), GEL lab (Jannie Shaw-Busby), and they should be delivered this week. With this set of standards and the set previously shipped this will be all of the Table 3+ standards. The standards were prepared at 0.1%(wt/vol) in methanol pH8, the pH adjustment is to minimize any possible formation of the corresponding esters. Please note that due to the relative volatile nature of methanol, care must be taken when working with these standards to avoid any loss of the sample.

We have also sent the same sets of standards to our external testing labs (Eurofins Test America and Lancaster Labs) such that they'll be using these standards for calibration and analysis purposes going forward.

The list of standards (11 altogether) are:

BP1  
BP2  
PFMOAA  
PFH2OxA  
PFECA B  
PFECA G  
PES  
DFSA  
MMF  
MTP  
PPF Acid

Please let me know if more information is needed.

Sincerely,

**Courtney Messenger**

Associate Chemist

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